

INTERNATIONAL SEARCH REPORT

International Application No

T/GB2004/001224

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L12/58 H04Q7/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 292 669 B1 (MEURONEN TIMO ET AL) 18 September 2001 (2001-09-18) column 1, line 65 - column 2, line 55 column 4, line 57 - column 7, line 47 -----	1-34
X	WO 03/019959 A (LAO JEFFREY RECATO ; LACSON ERIK (PH); BENZON ROLAND ALEN RONDOLO (PH) 6 March 2003 (2003-03-06) page 3, line 25 - page 4, line 10 page 5, line 14 - page 7, line 20 page 8, line 12 - page 11, line 15 page 12, line 1 - page 17, line 4 page 19, line 12 - page 20, line 13 -----	1-34
A	WO 99/12364 A (NOKIA TELECOMMUNICATIONS OY ; LUMME MARTTI (FI); HIPPELAEINEN LASSI (F) 11 March 1999 (1999-03-11) page 1, line 1 - page 5, line 32 -----	1-34

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

29 June 2004

Date of mailing of the international search report

07/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pasini, E

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

T/GB2004/001224

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6292669	B1	18-09-2001	FI AU CN EP WO JP	972357 A 7656898 A 1124753 B 0992164 A2 9856195 A2 2002502570 T	04-12-1998 21-12-1998 15-10-2003 12-04-2000 10-12-1998 22-01-2002
WO 03019959	A	06-03-2003	GB WO	2395403 A 03019959 A1	19-05-2004 06-03-2003
WO 9912364	A	11-03-1999	FI AU EP WO TW US	973575 A 8982398 A 1010338 A2 9912364 A2 400489 B 6587693 B1	02-03-1999 22-03-1999 21-06-2000 11-03-1999 01-08-2000 01-07-2003